

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT					ATTORNEY'S DOCKET NO.: 16918-8183		
Applicant: Goldstein	Serial No.: 09/935,510	Filing Date: 8/23/2001	Group Art Unit: 2644				
Pursuant to 37 CFR § 1.98(d), copies of References AA-AX are not being submitted with this Information Disclosure Statement as such copies were previously submitted to the Office in Application Serial No. 09/158,411 from which priority is claimed.							
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number:	Date:	Name:	Class:	Sub-Class:	Filing Date:
BTP	AA	3,989,904	11/02/1976	Rohrer et al.			
BTP	AB	4,536,844	08/20/1985	Lyon			
BTP	AC	5,357,251	10/18/1994	Morley, Jr. et al.			
BTP	AD	5,402,493	03/28/1995	Goldstein			
BTP	AE	5,903,655	5/11/99	Salmi et al.			10/23/96
FOREIGN PATENT DOCUMENTS							
		Document Number:	Date:	Country:	Class:	Sub-Class:	Translation:
BTP	AF	WO9818294	05/11/1999	PCT Application			No
BTP	AG	2,610,162	07/29/1998	France			N/A
BTP	AH	2,310,983	09/10/1997	Great Britain			No
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, etc.)							
BTP	AI	Goldstein, Julius L., Modeling rapid waveform compression on the basilar membrane as multiple-band-pass-nonlinearity filtering, Hearing Research, 49 (1990) pp. 39-60.					
↑	AJ	Goldstein, Julius L., Changing Roles in the Cochlear Bandpass Filtering by the Organ of Corti and Additive Amplification on the BaSilian Membrane, ASA Meeting, New Orleans, LA, Paper 4aPP3, 11/3/92, pp.1-14.					
	AK	Ghitza, Oded, Adequacy of auditory models to predict human internal representation of speech sounds, pp. 2160-2171. (1993). J. Acoust. Soc. Am.					
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	AN	Jont B. Allen and Stephen T. Neely, Micromechanical Models of The Cochlea, Physics Today, July, 1992, pp. 40-47.					
	AO	Dillon, Tutorial Compression? Yes, But for Low or High Frequencies, for Low or High Intensities, and with What Response Times?, Ear & Hearing, 17:287-307 (1996)					
	AP	Dillon, Compression, Noise, and Audibility: A Reply to Villchur, Ear & Hearing, 18(2):172-173 (1997)					
BTP	AQ	Engebretson, Benefits of Digital Hearing Aids, IEEE Engineering in Medicine and Biology, pp. 238-248 (April/May 1994)					



	AR	Goldstein, Exploring new principles of cochlear operation: bandpass filtering by the organ of Corti and additive amplification by the basilar membrane, <i>Proceedings of the International Symposium on Biophysics of Hair Cell Sensory Systems</i> , pp. 315-322 (June 28-July 3, 1993)
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	AT	Goldstein, Relations among compression, suppression, and combination tones in mechanical responses of the basilar membrane: data and MBPNL model, <i>Hearing Research</i> 89:52-68 (1995)
	AU	Killion, M., and Fikret-Pasa, S., The 3 Types of Sensorineural Hearing Loss: Loudness and Intelligibility Considerations, <i>The Hearing Journal</i> 46(11):31-34 (1993)
	AV	Lin, T., and Goldstein, J.L., Implementation of the MBPNL Nonlinear Cochlear I/O Model in the C Programming Language, and Applications for Modeling Impaired Auditory Function, <i>Modeling Sensorineural Hearing Loss</i> , Chapter 4, pp. 67-78 (1997)
	AW	Plomp, Noise, Amplification, and Compression: Considerations of Three Main Issues in Hearing Aid Design, <i>Ear & Hearing</i> 15(1):2-12 (1994)
	AX	Villchur, Comments on "Compression? Yes, But for Low or High Frequencies, for Low or High Intensities, and with What Response Times?", <i>Ear & Hearing</i> , 18(2):169-171 (1997)
	AY	Abbas, P.J. and Sachs, M.B., Two-tone suppression in auditory-nerve fibers: Extension of stimulus response relationship. <i>J. Acoust. Soc. Am.</i> 59, 112-122 (1976)
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	BA	Bilger, R.C., Nuetzel, J.M., Rabinowitz, W.M., and Rzeckowski, C., Standardization of a test of speech perception in noise. <i>J. Speech Hear. Res.</i> 27, 32-48 (1984)
	BB	Deng, L. and Geisler, C.D., Responses of auditory-nerve fibers to nasal consonant-vowel syllables. <i>J. Acoust. Soc. Am.</i> 82, 1977-1988 (1987)
	BC	Duifhuis, H., Cochlear nonlinearity and second filter: Possible mechanism and implications. <i>J. Acoust. Soc. Am.</i> 59, 408-423 (1976)
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	BE	Engbretson, A.M., Morley, R.E., and Popelka, G.R., Development of an ear-level digital hearing aid and computer assisted fitting procedure. <i>J. Rehab. Res. Devel.</i> , 24 (4), 55-64 (1987)
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	BH	Goldstein, J.L., Valente, M., Chamberlain, R., Gilchrist, P., and Ivanovich, D., Pilot experiments with a simulated hearing aid based on models of cochlear compression. <i>IHCON 2000</i> , Lake Tahoe, CA (8/24/2000)
	BI	Goldstein, J.L., Valente, M., Chamberlain, R., Acoustic and psychoacoustic benefits of adaptive compression thresholds in hearing aid amplifiers that mimic cochlear function. <i>J. Acoust. Soc. Am.</i> vol. 109, p. 2355 (2001)
BTP	BJ	Kalikow, D.N., Stevens, K.N., and Elliot, L.L., Development of a test of speech intelligibility in noise using sentence materials with controlled word predictability. <i>J. Acoust. Soc. Am.</i> 61, 1337-1351 (1977)



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↑	BM	Levitt, H., Pickett, J.M., and Houde, R.A., Sensory Aids for the Hearing Impaired. IEEE Press, NY. (1980)
	BN	Lin, T., Quantitative Modeling of Nonlinear Auditory-Nerve Responses as Two-Factor Interactions. Abstract and Table of Contents for D.Sc. Dissertation supervised by J.L. Goldstein, Sever Inst. of Technology, Washington Univ., St. Louis, MO.
	BO	Lin, T., and Guinan, Jr., John J., Auditory nerve-fiber responses to high-level clicks: Interference patterns indicate that excitation is due to the combination of multiple drives. J. Acoust. Soc. Am. 107 (5), Pt. 1, pp. 2615-2630 (May 2000)
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	BQ	Mountain, D.C., Changes in endolymphatic potential and crossed olivocochlear stimulation alter cochlear mechanics. Science 210, 71-72 (1980)
	BR	Mueller, G., Hawkins, D.B., and Northern, J.L., Probe Microphone Measurements: Hearing Aid Selection and Assessment, Chapter 12: Corrections and Transformations Relevant to Hearing Aid Selection. Singular Publishing, San Diego, CA, pp. 251-268 (1992)
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	BT	Neuman, A., Bakke, M.A., Mackersie, C., Hellman, S., and Levitt, H., The effect of compression ratio and release time on the categorical rating of sound quality. J. Acoust. Soc. A. 103 (5), 2273-2281 (1998)
	BU	Pfeiffer, R.R., A model for two-tone inhibition of single cochlear nerve fibers. J. Acoust. Soc. Am. 48, Number 6 (Part 2), 1373-1378 (1970)
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	BW	Plomp, R., The negative effect of amplitude compression in multichannel hearing aids in the light of the modulation-transfer function. J. Acoust. Soc. Am. 83 (6), 2322-2327 (1988)
	BX	Ruggero, M.A., Robles, L. and Rich, N.C., Two-tone suppression in the basilar membrane of the cochlea: Mechanical basis of auditory-nerve rate suppression. J. Neurophys. 68, 1087-1099 (October 1992)
	BY	Sachs, M.B., and Young, E.D., Effects of nonlinearities on speech encoding in the auditory nerve. J. Acoust. Soc. Am. 68 (3), 858-875 (1980)
	BZ	Skinner, M.W., Speech intelligibility in noise-induced hearing loss: Effects of high-frequency compensation. J. Acoust. Soc. Am. 67 (1), 306-317 (1980)
	CA	Soli, S.D., Hearing aids: today and tomorrow. Echoes: The newsletter of The Acoustical Society of America, Vol. 4, no. 3 (1994)
	CB	Valente, M., Fabry, D.A., Potts, L., and Sandlin, R.E., Comparing the performance of the Widex SENSO Digital hearing aid with analog hearing aids. J. Am. Acad. Audiol. 9, 342-360 (1998)
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DATE CONSIDERED:

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of the form with next communication to applicant.

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